



13281 U.S. PTO

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22390 U.S. PTO  
10/735648



December 12, 2003

**Mail Stop Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Re: New United States Patent Application  
Inventor(s): Wall et al.  
Title: FRONT-END CIRCULATOR FOR AN OPTICAL DEVICE  
Our File: 10-588 US

Enclosed for the filing of a new patent application in the United States are:

1. Assignment and Assignment Cover Page;
2. Declaration signed by the Inventor(s);
3. 12 pages of specification, 12 claims, 3 being independent; Abstract of the Disclosure;
4. Formal drawings including figures 1 to 10 (6 pages of figures);
5. Information Disclosure Statement and references;

The suggested drawing figure to be published is FIG. 1

The following fees are payable:

- Filing fee \$770.00
- Assignment \$ 40.00

**The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No: 50-1465.**

Enclosed is a self-addressed return postcard to indicate receipt of application by the USPTO.

**Please associate this application with Customer No: 24949.**

Respectfully submitted,

*Doug MacLean*

Regn No: 48,096  
/ara